

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of:

BOTSTEIN, et al.

Application Serial No. 09/990,427

Filed: November 14, 2001

For: **ANTIBODIES TO PRO830
POLYPEPTIDES**

) Examiner: Chernyshev, Olga

) Art Unit: 1649

) Attorney's Docket No. 39780-2730P1C10

) Customer No. 35489

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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

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Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:


Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If Form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with M.P.E.P. §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.


- ☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):
- ☐ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
- ☐ (3) It is being filed before the mail date of the first Office Action on the merits
-- OR --
- ☒ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- ☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:
- ☐ a certification as specified in §1.97(e) is provided below; **or**
- ☐ a fee of **\$180.00** as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:
- A. a certification as specified in §1.97(e) is completed below; and
- B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**
- C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☒ **Fee Authorization.** The Commissioner is hereby authorized to charge the above-referenced fees of **\$0.00** and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. **08-1641 (Attorney's Docket No. 39780-2730P1C10).**

Respectfully submitted,


Ginger R. Dreger, Reg. No. 33,055

Dated: August 17, 2006

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Form PTO-1449				Attorney's Docket No. 39780-2730P1C10		Application Serial No. 09/990,427	
INFORMATION DISCLOSURE STATEMENT				Applicant(s) BOTSTEIN, et al.			
(use several sheets if necessary)				Filing Date: November 14, 2001		Group Art Unit: 1649	
U.S. PATENT DOCUMENTS							
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date (if appropriate)
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Translation YES NO
OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)							
Examiner Initials	Ref. No.	Title					
	1.	Abe, N., et al., "An Increased High-Mobility Group A2 Expression Level is Associated with malignant Phenotype in Pancreatic Exocrine Tissue," <i>Br J Cancer</i> - 89(11):2104-9 (2003) Abstract.					
	2.	Ando, M., et al., "Selective Apoptosis of Natural Killer-Cell Tumours by L-Asparaginase," <i>Br J Haematol.</i> , - 130(6):860-8 (2005) Abstract.					
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	4.	Barnes, V.L., et al., "Expression of Embryonic Fibronectin Isoform EIIIA Parallels Alpha-Smooth Muscle Actin in Maturing and Diseased Kidney," <i>J Histochem Cytochem.</i> - 47(6):787-98 (1999) Abstract.					
	5.	Bea, S., et al., "BMI-1 Gene Amplification and Overexpression in Hematological Malignancies Occur Mainly in Mantle Cell Lymphomas," <i>Cancer Res.</i> - 61(6):2409-12 (2001) Abstract.					
	6.	Blaschke, V., et al., "Rapid Quantitation of Proinflammatory and Chemoattractant Cytokine Expression in Small Tissue Samples and Monocyte-Derived Dendritic Cells: Validation of a New Real-Time RT-PCR Technology," <i>J Immunol Methods.</i> - 246(1-2):79-90 (2000) Abstract.					
	7.	Buckley, A.R., et al., "Butyrate-Induced Reversal of Dexamethasone Resistance in Autonomouse Rat Nb2 Lymphoma Cells," <i>Apoptosis.</i> - 2(6):518-28 (1997) Abstract.					
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	9.	Caberlotto, L., et al., "Neurokinin 1 Receptor and Relative Abundance of the Short and Long Isoforms in the Human Brain," <i>Eur J Neurosci.</i> - 17(9):1736-46 (2003) Abstract.					
	10.	Choi, D., et al., "Characterization of Cyclin D2 Expression in Human Endometrium," <i>J Soc Gynecol Investig.</i> - 9(1):41-6 (2002) Abstract.					
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	12.	Dagenais, A., et al., "Downregulation of EnaC Activity and Expression by TNF-Alpha in Alveolar Epithelial Cells," <i>Am J. Physiol Lung Cell Mol Physiol.</i> - 286(2):L301-11 (2004) Abstract.					
	13.	De Boer, C.J., et al., "Involvement of the CCND1 Gene in Hairy Cell Leukemia," <i>Ann Oncol.</i> - 7(3):251-6 (1996) Abstract.					
	14.	Debieve, F., et al., "Inhibin and Activin Production and Subunit Expression in Human Placental Cells Cultured in Vitro," <i>Mol Hum Reprod.</i> - 6(8):743-9 (2000) Abstract.					
	15.	Dong, Z., et al., "Expression of Membrane-Type Matrix Metalloproteinases 4, 5, and 6 in Mouse Corneas Infected with P. Aeruginosa," <i>Invest Ophthalmol Vis Sci</i> - 42(13):3223- (2001) Abstract.					

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OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)			
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17.	Dyer, J., et al., "Molecular Characterisation of Carbohydrate Digestion and Absorption in Equine Small Intestine," <i>Equine Vet J.</i> - 34(4):349-58 (2002) Abstract.		
18.	Egwuagu, C.E., et al., "Suppressors of Cytokine Signaling Proteins are Differentially Expressed in Th1 and Th2 Cells: Implications for Th Cell Lineage Commitment and Maintenance," <i>J Immunol.</i> - 168(7):3181-7 (2002) Abstract.		
19.	El-Ghrably, I.A., et al., "Intravitreal Invading Cells Contribute to Vitreal Cytokine Milieu in Proliferative Vitreoretinopathy," <i>Br J Ophthalmol.</i> - 85(4):461-70 (2001) Abstract.		
20.	Eleore, L., et al., "Modulation of the Glutamatergic Receptors (AMPA and NMDA) and of Glutamate Vesicular Transporter 2 in the Rat Facial Nucleus after Axotomy," <i>Neuroscience</i> - 136(1):147-60 (2005) Abstract.		
21.	Forsberg, H., et al., "Altered Levels of Scavenging Enzymes in Embryos Subjected to a Diabetic Environment," <i>Free Radic Res.</i> - 24(6):451-9 (1996) Abstract.		
22.	Freyschuss, B., et al., "Induction of the Estrogen Receptor by Growth Hormone and Glucocorticoid Substitution in Primary Cultures of Rat Hepatocytes," <i>Endocrinology</i> - 133(4):1548-54 (1993) Abstract.		
23.	Fu, K., et al., "Cyclin D1-Negative Mantle Cell Lymphoma: A Clinocopathologic Study Based on Gene Expression Profiling," <i>Blood</i> - 106(13):4315-21 (2005) Abstract.		
24.	Fuchs, A.R., et al., "Oxytocin Receptors in Bovine Cervix: Distribution and Gene Expression During the Estrous Cycle," <i>Biol Reprod.</i> - 54(3):700-8 (1996) Abstract.		
25.	Furuta, J., et al., "Silencing of the Thrombomodulin Gene in Human Malignant Melanoma," <i>Melanoma Res.</i> - 15(1):15-20 (2005) Abstract.		
26.	Futcher, B., et al., "A Sampling of the Yeast Proteome," <i>Mol Cell Biol.</i> - 19(11):7357-68 (1999) Abstract.		
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30.	Godbout, R., et al., "Overexpression of DEAD Box Protein (DDX1) in Neuroblastoma and Retinoblastoma Cell Lines," <i>J Biol Chem.</i> - 273(33):21161-8 (1998) Abstract.		
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34.	Grenback, E., et al., "Galanin Pituitary Adenomas," <i>Regul Pept.</i> - 117(2):127-39 (2004) Abstract.		
35.	Gromova, I., et al., "Protein Abundance and mRNA Levels of the Adipocyte-Type Fatty Acid Binding Protein Correlate in Non-Invasive and Invasive Bladder Transitional Cell Carcinomas," <i>Int J. Oncol.</i> - 13(2):379-83 (1998) Abstract.		
36.	Guo, Y., et al., "The Pathogenic Role of Macrophage Migration Inhibitory Factor in Acute Respiratory Distress Syndrome," <i>Zhonghua Jie He He Hu Xi Za Zhi</i> - 25(6):337-40 (2002) Abstract.		

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37.	Habu, Y., et al., "Restored Expression and Activity of Organic Ion Transporters rOAT1, rOAT3 and rOCT2 after Hyperuricemia in the Rat Kidney," <i>Biochem Pharmacol</i> - 69(6):993-9 (2005) Abstract.		
38.	Hahn, M.E., et al., "Regulation of Cytochrome P4501A1 in Teleosts: Sustained Induction of CYP1A1 mRNA, Protein, and Catalytic Activity by 2,3,7,8-Tetrachlorodibenzofuran in the Marine Fish <i>Stenotomus Chrysops</i> ," <i>Toxicol Appl Pharmacol</i> - 127(2):187-98 (1994) Abstract.		
39.	Hahnel, R., et al., "Expression of the pS2 Gene in Breast Tissues Assessed by pS2-mRNA Analysis and pS2-Protein Radioimmunoassay," <i>Breast Cancer Res Treat</i> - 24(1):71-4 (1992) Abstract.		
40.	Hamilton, L.M., et al., "The role of the Epidermal Growth Factor Receptor in Sustaining Neutrophil Inflammation in Severe Asthma," <i>Clin Exp Allergy</i> - 33(2):233-40 (2003) Abstract.		
41.	Hassett, C., et al., "Human Hepatic Microsomal Epoxide Hydrolase: Comparative Analysis of Polymorphic Expression," <i>Arch Biochem Biophys</i> - 337(2):275-83 (1997) Abstract.		
42.	Holten-Andersen, M.N., et al., "Localization of Tissue Inhibitor of Metalloproteinases 1 (TIMP-1) in Human Colorectal Adenoma and Adenocarcinoma," <i>Int J Cancer</i> - 113(2):198-206 (2005) Abstract.		
43.	Huang, Y.H., et al., "Tissue Plasminogen Activator Induced by Dengue Virus Infection of Human Endothelial Cells," <i>J Med Virol</i> - 70(4):610-6 (2003) Abstract.		
44.	Huettner, P.C., et al., "Neu Oncogene Expression in Ovarian Tumors: A Quantitative Study," <i>Mod Pathol</i> - 5(3):250-6 (1992) Abstract.		
45.	Hui, P., et al., "Real-time Quantitative RT-PCR of Cyclin D1 mRNA in Mantle Cell Lymphoma: Comparison with FISH and Immunohistochemistry," <i>Leuk Lymphoma</i> - 44(8):1385-94 (2003) Abstract.		
46.	Husain, I., et al., "Elevation of Topoisomerase I Messenger RNA, Protein, and Catalytic Activity in Human Tumors: Demonstration of Tumor-Type Specificity and Implications for Cancer Chemotherapy," <i>Cancer Res</i> - 54(2):539-46 (1994) Abstract.		
47.	Ihmann, T., et al., "High-level mRNA Quantification of Proliferation Marker pKi-67 is Correlated with Favorable Prognosis in Colorectal Carcinoma," <i>J Cancer Res Clin Oncol</i> - 130(12):749-56 (2004) Abstract.		
48.	Ikegami, T., et al., "Modulation of Glucagon Receptor Expression and Response in Transfected Human Embryonic Kidney Cells," <i>Am J Physiol Cell Physiol</i> - 281(4):C1396-402 (2001) Abstract.		
49.	Jacquemin, E., et al., "Developmental Regulation of Acidic Fibroblast Growth Factor (aFGF) Expression in Bovine Retina," <i>Int J Biol</i> - 37(3):417-23 (1993) Abstract.		
50.	Jaime, M., et al., "The p21 (Cip1) Protein, A Cyclin Inhibitor, Regulates the Levels and the Intracellular Localization of CDC25A in Mice Regenerating Livers," <i>Hepatology</i> - 35(5):1063-71 (2002) Abstract.		
51.	Janssens, N., et al., "Alteration of Frizzled Expression in renal Cell Carcinoma," <i>Tumour Biol</i> - 25(4):161-71 (2004) Abstract.		
52.	Jungbluth, A.A., et al., "Immunohistochemical Analysis of NY-ESO-1 Antigen Expression in Normal and Malignant Human Tissues," <i>Int J. Cancer</i> - 92(6):856-60 (2001) Abstract.		
53.	Kalabis, G.M., et al., "Multidrug Resistance Phosphoglycoprotein (ABCB1) in the Mouse Placenta: Fetal Protection," <i>Biol Reprod</i> - 73(4):591-7 (2005) Abstract.		
54.	Kammaori, M., et al., "Expression of Human Telomerase Reverse Transcriptase Gene and Protein, and of Estrogen and Progesterone Receptors, in Breast Tumors: Preliminary Data from Neo-Adjuvant Chemotherapy," <i>Int J Oncol</i> - 27(5):1257-63 (2005) Abstract.		
55.	Khal, J., et al., "Expression of the Ubiquitin-Proteasome Pathway and Muscle Loss in Experimental Cancer Cachexia," <i>Br J Cancer</i> - 93(7):774-80 (2005), Abstract.		
56.	Khal, J., et al., "Increased Expression of Proteasome Subunits in Skeletal Muscle of Cancer Patients with Weight Loss," <i>Int J. Biochem Cell Biol</i> - 37(10):2196-206 (2005) Abstract.		

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OTHER DOCUMENTS

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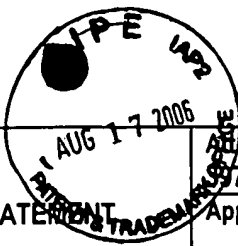
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| 57. | Kogo, H., et al., "Cell Type-Specific Occurrence of Caveolin-1alpha and -1beta in the Lung caused by Expression of Distinct mRNAs," <i>J Biol Chem.</i> - 279(24):25574-81 (2004) Abstract. |
| 58. | Kommoss, F., et al., "Oncogene and Growth Factor Expression in Ovarian Cancer," <i>Acta Obstet Gynecol Scand Suppl.</i> - 155:19-24 (1992) Abstract. |
| 59. | Kumar, U., et al., "Somatostatin Receptors in Primary Human Breast Cancer: Quantitative Analysis of mRNA for Subtypes 1-5 and Correlation with Receptor Protein Expression and Tumor Pathology," <i>Breast Cancer Res. Treat.</i> - 92(2):175-86 (2005) Abstract. |
| 60. | Kuo, C.C., et al., "A Transcriptomic and Proteomic Analysis of the Effect of CpG-ODN on Human THP-1 Monocytic Leukemia Cells," <i>Proteomics</i> - 5(4):894-906 (2005) Abstract. |
| 61. | Landmark, B.F., et al., "Cellular Location and Age-dependent Changes of the regulatory Subunits of cAMP-dependent Protein Kinase in Rat Testis," <i>J Reprod Fertil.</i> - 99(2):323-34 (1993) Abstract. |
| 62. | Lassmann, S., et al., "Quantification of CK20 Gene and Protein Expression in Colorectal Cancer by RT-PCR and Immunohistochemistry Reveals Inter- and Intratumour Heterogeneity," <i>J Pathol.</i> - 198(2):198-206 (2002) Abstract. |
| 63. | Legrand, O., et al., "Expression of the Multidrug Resistance-Associated Protein (MRP) mRNA and Protein in Normal Peripheral Blood and Bone Marrow Haemopoietic Cells," <i>Br J, Haematol.</i> - 94(1):23-33 (1996) Abstract. |
| 64. | Lemstrom, K.B., et al., "Vascular Endothelial Growth Factor Enhances Cardiac Allograft Arteriosclerosis," <i>Circulation</i> - 105(21):2524-30 (2002) Abstract. |
| 65. | Li, Z.B., et al., "Enhanced Expressions of Arachidonic Acid-Sensitive Tandem-Pore Domain Potassium Channels in Rat Experimental Acute Cerebral Ischemia," <i>Biochem Biophys Res Commun.</i> - 327(4):1163-9 (2005) Abstract. |
| 66. | Li, Y., et al., "Retinal Preconditioning and the Induction of Heat-Shock Protein 27," <i>Invest Ophthalmol Vis Sci.</i> - 44(3):1299-304 (2003) Abstract. |
| 67. | Lindberg, P., et al., "Increasing Expression of Tissue Plasminogen Activator and Plasminogen Activator Inhibitor Type 2 in Dog Gingival Tissues with Progressive Inflammation," <i>Arch Oral Biol.</i> - 46(1):23-31 (2001) Abstract. |
| 68. | Macabeo-Ong, M., et al., "Effect of Duration of Fixation on Quantitative Reverse Transcription Polymerase Chain Reaction Analyses," 15(9):979-87 (2002) Abstract. |
| 69. | Maruyama, H., et al., "Id-1 and Id-2 are Overexpressed in Pancreatic Cancer and in Dysplastic Lesions in Chronic Pancreatitis," <i>Am J Pathol.</i> - 155(3):815-22 (1999) Abstract. |
| 70. | Meehan, T.P., et al., "Tightly Regulated and Inducible Expression of a Yoked Hormone-Receptor Complex in HEK 293 Cells," <i>J Mol Endocrinol.</i> - 32(1):247-55 (2004) Abstract. |
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| 72. | Meoni, P., et al., "[3H]MK-801 Binding and the mRNA for the NMDAR1 Subunit of the NMDA Receptor are Differentially Distributed in Human and Rat Forebrain," <i>Brain Res Mol Res.</i> - 54(1):13-23 (1998) Abstract. |
| 73. | Mezzano, S.A., et al., "Overexpression of Chemokines, Fibrogenic Cytokines, and Myofibroblasts in Human Membranous Nephropathy," <i>Kidney Int.</i> - 57(1):147-58 (2000) Abstract. |
| 74. | Mingrone, G., et al., "Decreased Uncoupling Protein Expression and Intramyocytic Triglyceride Depletion in Formerly Obese Subjects," <i>Obes Res.</i> - 11(5):632-40 (2003) Abstract. |
| 75. | Miralles, C.P., et al., "Differential Expression of the Short and Long Forms of the Gamma 2 Subunit of the GABAA/benzodiazepine Receptors," <i>Brain Res Mol Res.</i> - 24(1-4):129-39 (1994) Abstract. |
| 76. | Mizrachi, D., et al., "Follicle-stimulating Hormone Receptor and Its Messenger Ribonucleic Acid are Present in the Bovine Cervix and Can Regulate Cervical Prostanoid Synthesis," <i>Biol Reprod.</i> - 61(3):776-84 (1999) Abstract. |
| 77. | Monaghan, P., et al., "The Alpha(v)beta6 Integrin Receptor for Foot-and-Mouth Disease Virus is Expressed Constitutively on the Epithelial Cells Targeted in Cattle," <i>J Gen Virol.</i> - 86(Pt 10):2769-80 (2005) Abstract. |

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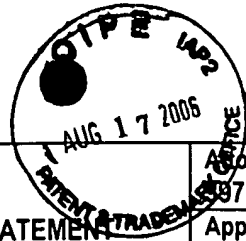
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78.	Montuori, N., et al., "Urokinase-Mediated Posttranscriptional Regulation of Urokinase-Receptor Expression in Non Small Cell Lung Carcinoma," <i>Int J Cancer</i> - 105(3):353-60 (2003) Abstract.		
79.	Munaut, C., et al., "Vascular Endothelial Growth Factor Expression Correlates with Matrix Metalloproteinases MT1-MMP, MMP-2 and MMP-9 in Human Glioblastomas," <i>Int J Cancer</i> - 106(6):848-55 (2003) Abstract.		
80.	Nie, Y., et al., "DNA Hypermethylation is a Mechanism for Loss of Expression of the HLA Class I Genes in Human Esophageal Squamous Cell Carcinomas," <i>Carcinogenesis</i> - 22(10):1615-23 (2001) Abstract.		
81.	Nuciforo, P.G., et al., "Molecular and Immunohistochemical Analysis of HER2/neu Oncogene in Synovial Sarcoma," <i>Hum Pathol.</i> - 34(7):639-45 (2003) Abstract.		
82.	Oberringer, M., et al., "Differential Expression of Heat Shock Protein 70 in Well Healing and Chronic Human Wound Tissue," <i>Biochem Biophys Res Commun.</i> - 214(3):1009-14 (1995) Abstract.		
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